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JUSTIFICATION

This mission is an response to the USIB requirement for high resolution photographic coverage of COMEREX priority targets in North Vietnam. Specifically, the CXCART aircraft is to cover those areas of North Vietnam which, because of surface-to-air missile defenses, cannot be covered adequately by other means. The 303 Committee has approved a bank of nine BLACK SHIELD missions per month.

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TARGET DATA

The 48 COMIREX targets in North Vietnam are listed below:

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1.	Cac Ba Coastal Defense Site
* 2.	Haiphong/Cat Bi Airfield
#* 3 .	Haiphong/Kien An Airfield
* 4.	Hanoi/Bac Mai Airfield
* 5.	Hanoi/Gia Lam Airfield
#* 6 .	Phuc Yen Airfield
* 7.	Lang Son Airfield
* 8.	Kep Airfield
9.	Yen Bai Suspect A/F U/C
*10.	Hoa Lac Airfield U/C
11.	Bai Thuong Airfield
# *12 .	Haiphong Port Complex
*13.	Cam Pha Port Facilities
*14.	Hon Gay Port Facilities
15.	Ha Tou Naval Support Facility
*16.	Vinh/Ben Thuy Port Facilities
· ·	Thanh Hoa Possible Bio Research Installation
17.	
18.	Ha Giang Military Installation
19.	Van Hai Army Barracks
20.	Lang Son Military Complex
$\begin{bmatrix} 21. \\ 22 \end{bmatrix}$	Loc Binh Army Supply Depot
22.	Thai Nguyen Army Supply Depot, North
23.	Bac Kan Military Area
24.	Phu Lang Thuong Military Area
25.	Hanoi-Lao Cai RR, Segment 2
26.	Hanoi-Lao Cai RR, Segment 1
27.	Hanoi-Lao Cai RR, Segment 3
28.	Hanoi-Ping Hsiang RR, Segment 2
29.	Hanoi-Ping Hsiang RR, Segment 1
30.	Hanoi-Ping Hsiang RR, Segment 3
31.	Hanoi-Lao Cai RR, Segment 4
32.	Hanoi-Lao Cai RR, Segment 5
33.	Kep to Than Nguyen RR
# *34 .	Dong Dang Complex
*35.	Phu Lang Thuong Complex
*36.	Cao Bang Complex
*37.	Lai Chau Complex
*38.	Lang Son Complex
*39.	Mon Cay Complex
*40.	Tien Yen Complex
*41.	Tuyen Quang Complex
*42.	Yen Bai Complex
*43.	Dien Bien Phu Complex
# *44 .	Kep Complex
#*45 .	Lao Kay Complex
# * 46.	Haiphong RR Yards
# *47 .	Viet Tri RR Yards
# *48 .	Yen Vien (Hanoi) RR Yards
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VULNERABILITY ESTIMATE

There are 242 surface-to-air missile launch positions that have been detected in North Vietnam; of this number, 207 are known to be capable of supporting surface-to-air operations; however, there are only 28 to 30 SAM battalions estimated to be active on any certain day. They are largely concentrated in the Hanoi, Haiphong, Thanh Hoa, and Yen Bai areas.

There are currently six MIG-21 jet interceptors stationed at Phuc Yen Airfield,

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six MIG-21 jet interceptors stationed at Phuc Yen Airfield, North Vietnam. These MIGs, however, are not capable of intercepting the OXCART aircraft.

OPERATIONAL DATA:

DISTANCE

: 4730 NM

TIME

: 3 + 53

DENIED TIME

0 + 20

ENTRY ALTITUDE:

1ST PASS 79,800 FT

2ND PASS 76,000 FT

SPEED

: Mach 3.1 (1825 Kts)

TAKE OFF

:/ 0225Z 17 September 1967

2225 Washington Time, 16 September 1967

The following routes have been selected for this mission:

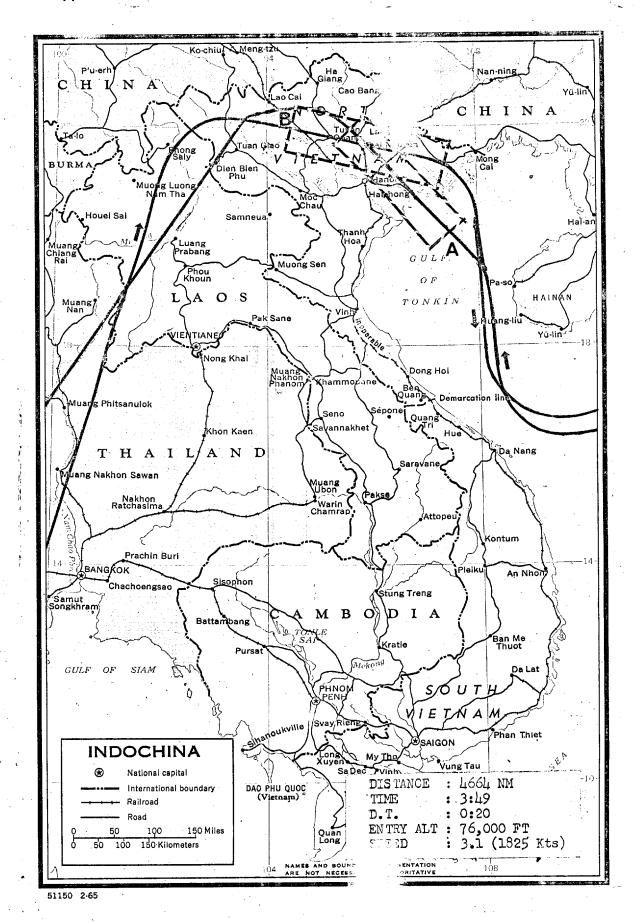
1ST PASS

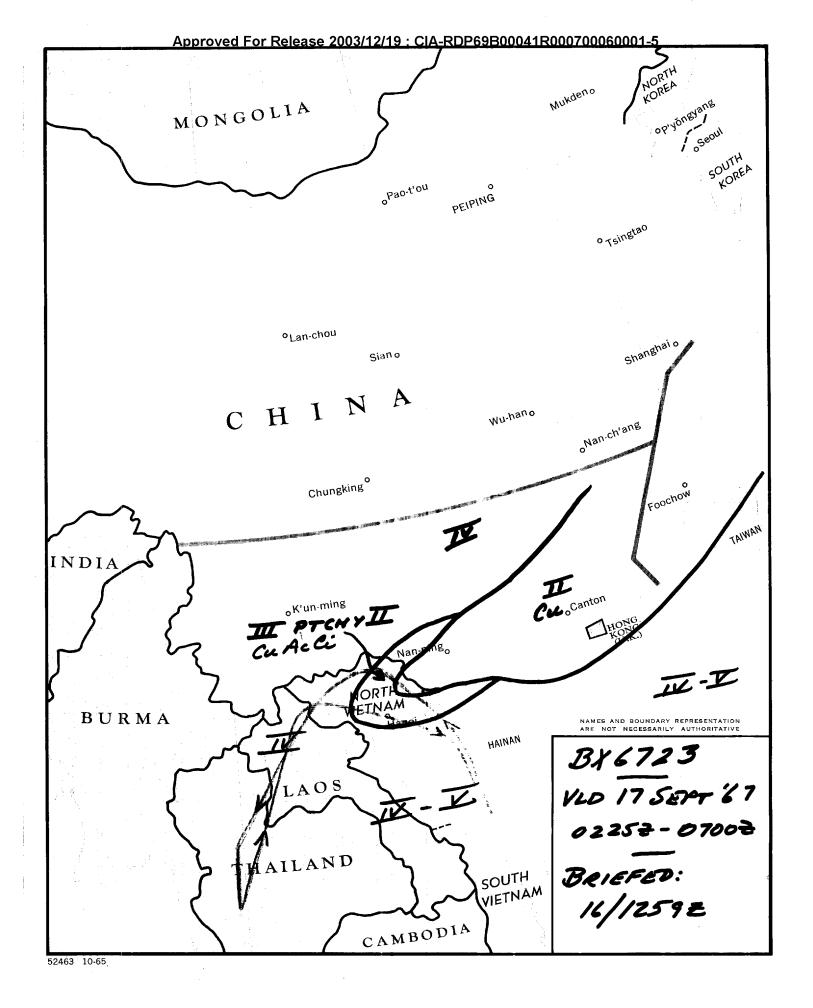
2ND PASS

Route A

Route B

In the event weather conditions are such as to prevent these routes to be flown, other option routes on file would be substituted.





This OXCART mission as planned herein is approved.

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DIRECTOR OF SPECIAL ACTIVITIES

DEPUTY DIRECTOR FOR SCIENCE AND TECHNOLOGY

DEPUTY DIRECTOR OF CENTRAL INTELLIGENCE

DIRECTOR OF CENTRAL INTELLIGENCE

SECRET

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MISSION BX 6723, 17 SEPTEMBER 1967 Frame 234

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